Asthma Convulsion

Hy M. Tucker

asthma Convulsivim

abmitted March 23d W22

No 4 Sanson St. Paped March 87 187 187 187 18. 16. con Inaugural o Sittima By Mmy Gaines

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Asthma is defined a defined or as printer or structure across the horast a whelping hard anytomyle at first, but as the paragram declines, expectoration comes on and the cough is more force and left distripling which is hallowed by a remaining which is hallowed by

The causes of astrong are numerous and may be divided into those which act directly the they lungs and those which act indirectly through the medium of the general system.

If the former are offensive mattery horaget in contact with the lungs in restriction as the repower of was, arenic 4co, the small of block hos carcited a horozyon, and It blokman mention, the ease of a student of medicine

who could not weigh out this article without being attached with a horax agon, This high degree of sensibility of the lungs arising, from idioagnera sy seems to have been more easily called into action by the adour of specoc than by other substances which are more of - Arrive, and which in all probability would excite a paroxyme in other with amaties more readily than Thecas-These peculiarities of constitution should be taken advantage of in guard ing against the exciting causes; the irrespirable gases, especially carbonic said gas will bring on a fit, the state of the atmosphere has a great in the - ence in the production of this disease and Sir John Florger in speaking of his own case, says he lived Twelve years

in baford during which time he suf-Leved comparatively little from asthma but whenever he visited Italfordshine. his native place, that he was attacked with two or three paroxysms, this is a fine illustration of the influence of different situations over the asthmatic the varity of the atmosphere increous the susceptibility to this disease and it A stready inist it is aggranated by the verefaction, for as the navity is anymented so is the prefoure on the lungs diminished as well as the quantity of oxygen which is afforded the pulmons my apparatus thereby producing this laborious respiration; It is stated by writers that travellers have suffered much from this cause when they were travelling over very high mountains

and It Chapman in a note enves - pination in Richer and mentions a very interesting case of this kind, which he derived from the writings of DeSaufoure; for it appears when this writer was travelling over Mont Blanc that as he came near the Top, his breathing was much offeeted and that he could advance but a hew steps without stopping to relieve his diffinet respiration; the mules of the uniter were likewise offected, for they hanted strongly and from Their mountful evies at , would to have a humped sensation in the sheet In this case the hulse was guickened, There was a throbbing of the arteries, hat he lation of the heart, verligo, dim--reford right; and the braveller was



comfelled. To set drawn to frewent hint iny, in money, in takes, to these distripting affections when added names a last iny of food and an amorion to when it was a few times liquid and a short times they all left him in the enjoy ment of hospital health, but retired as soon as he alterality to writing his journey; m, i and cold water alone a flooded value of the order

also execting causes, the first seem to as lay checking into war specification and directing act on from the surface, to the lungs bullen thanks that this takes place more brequestly in the residence was subject, to this discover in winter and who have a cutawal at affection and with home a cutawal at affections



affected by est, and the same runiterr says that a worm chamber on the warm hatte will frequently give rise to a haropyone, a'so a change, trom a colden to a warmer atmosphere such persons are more liable to be attacked in Lammer Mon winter -From the exteriore of Ir Chapman A appears that the air of the coun Ting and suburbs is more unfavoura Ale to the asthmatic disposition than the air of evouded vities, and the oir of defferent e dies wories very much ive this respect wellow t any simule difference in the Nate of The otimos. Whene for he ofsects that the air of Bottimore is more Aavourable to oothown than that of Philadelphia. Lin John Floyer mentions a case



when a harveyou was brought on by amaking to relieve a hair in the stermach; Homes adds to these carriery, course, I plusia of new hoy, resling, mad you.

Those which act indirectly through the oversime of the agreem are a disordered state of the alimon story conal, worms, indigestible Assa, an over-distortion of the stomach, constitution, a suffression of any access to have evacuation as the transformal or harmonrhoidal, (It have says as soon as the sinhange is restored the disease disapplease) to these causes may be added refelled emptions and a metastasis of other diseases as Gout too I have enumerated among the causes violent nomiting or hunging,



the want of Good, the reglect of regular meals and a sudden increase in the force of the circulation; the professions of the mind: are presides ment or variting causes, ange increases the circulations force and according to It Aree determines the phisophines of the Alord to the exerctories in great an haste and quantity, hence the Alore of saliva is augmented for seems to act on the same principle while Love freight terror districts the mind and relay the habit

The attenatic cannot indulge in any kind of displaction with impunity, is he give new to his glowing has sion in several cases he much the misk of a long train of sufferings bor a momentary gratification while



is but enjoyed, to lose", heavy suppersons consequences and It Bree supposabilities is improper in Instephena is equally, so in astuma; intense study is now beined among the causes of this disease it imprairs the significant provers at the stomach and extends to inthuenate, the lungs, which are so internately connected with this organ—

The premonitory symptoms are platilency, distintion of the stomasl a dull and heavy hair over the formation and eyes, emutation experience are companied with water sometimes inches is at other times your, the weight over the eyes becomes more violent as night offerasches and the hoteent beels arosen,



has a shortness of breath, anxiety at the pressondia attended with restleones; about this time company is very disagreeable to the patient which seems to knowice a heat of body, but there is in reality no augmentation of tempe matine) and difficult respiration; there is also in some cases a sense of tingling and heat in the neck, cars and breast with irritability of tempes, these symptoms warn the patient of the approaching harveyon - neel-Lest to have seen a case how or three years ago in which the patient as soon as he was threatened with an attack would request the persons present to leave the room and to throw ofen the doors and windows as her could scarcely breather when there were many persons



in the room or when the doors and windows were closed and he would enjoin it on his attendants not to walk about the Aloon, soit grow him muci. anxiety and distreys, in this case the paroxyme generally came on hetween 1241 Oclock at night, in most instances the disease makes its attack during the night, but occasionally during the day, Ir Chopman says the harosy and usually comes on after the first sleep; on awaking There is a sense of striction acrofs Mi, chest, the respiration becomes more difficult and the hotient is now compelled to change his recumbent to an erect hos. there and with seeming suffered tion he desires bresh air to be breely admitted into the room, his voice is now much



affected, the difficulty of breathing in--eneases accompanied with wheezing, the hain is augmented by an attempt to sheak which is sollowed by a disposition to eough, which is small, dry and intermulted, the pulse is small, quick and feeble, sometimes natural, the face is hale and shrunk or turged and Hushed with thirst and heat where there is the brile excitement, during the harvayou the wine is hale and vaided in large quantilies, but on the decline of the harozym it is ingheolourea, of its usual quantity and depositing a sediment-

These symptoms generally continue , don several hours when they gradually subside, the heating is slower and lefo lahonious, the hulse is not so quick



hist fuller and more natural a her-- spiration now breaks out and the cough is more free, expectaration ensues which is more and more copious until The harvayon goes off; I'Bree says the exhectorated mucus has in some instances a sweetish, It other homes a ratine taste and is tinged with block which he believes to be the barbon of the ilvad, which in a healthy state is given off in carbonic acid, the same writer states that Morgagni in three cases out of four which he examined Sound this black-sooty mucus in the glands, which presented the appear. ance of harroal diluted with a large quantity of water-

hatient salls into a muchowished for



sleep and as the howers of life seem to he nearly exhausted by the constantex. extion and lahour to support tout this nestinative of nature is induced to recomit the showers of the constitution and render it capable of resisting the repeated attacks which it is doomed to suffer, this state of repose is attended with wheezing which may continue for several days; in the morning, the ha trient Reels much releined, still howeven thin is a slight difficulty of breathing, with some stricture scrops the hoeast; these symptoms are aggravated when the hatient is in a horizontal position, Sin John Floyer says he could hut off a dit for several nights by sitting wh late and that he was brequently compelled to leave his hed and sleek



in a chair the first night of the attack . A articularly in Summer

In the afternoon

there is much Statulency of the stomach and a great propersity to sleep, as night approvates these significans hecome more rices thallowed by dufficulty of breathing which gradually increases ... tie it is as distrefing as it was the A receiving night which runs the same course; "that says bullen if the restie nation has not been much interrepted diring the day and the patient has sie, it some in the early hart of the night he is inveren waken about midsight or at some time between mid. right and I Octobe in the morning, and is their seize a suddenly with a dit of difficult breothing?



In this way the horozona return por everal carefine rights, but generally after three or how nights when in this againsping manner the remissions are more complete and of longer durantion especially when the experturation is espirous during the day.

This issue may be

traced in many instances to an hard introduction, and when once it has been risolant and continued for a considerable time the mospitchility to morbid impressions is so easily anothered that the least country, come will bring on a list of arthura or a slight change of meether, distintion of the Thomashy a lighter around the hest or in some instance were a plaster on it will create the disease,



overezeriese or any thing which hurries the circulation may be an exitingeouse It appears that males are more sub. -jest to this disease than Semales, it rarely makes its appearance before the age of huberty bullen soap he has not obs served it to occur more Inequentizin one temperament Thear another while D. Bree on the contrary afsents that the melancholic or sanguine tempera ment is the most liable to it, and that the sanguine are more oit to fall into consumption - From the observations of writers generally this disease terminates Anequently in thisis Pulmonolis, Flydrothorax or in anew sime of the heart or some large blook refael; under these circumstances the dis -case in most cases proves total but



when it is not complicated with other in. eases A may continue for many years without causing death; it has in some instances terminated the life of the A-stient in a short time and bullen Thinks it a ways and Latally at daught, This disease is more aft to run into hulmonary consumption when it is free agreedy arought on by Catarrh; There is no immediates danger to be approhended from asthma as it usually ocours atthough the potient may be threatened with instantaneous suffer reations when the desease hoscontinued , or a long time the seet in many cases are ordernatous and There is a general hydropolic tendency Ine pothology of

asimo still remains in much obscurity



abullan believes the proximate cause of this disease to be a preternatural and in some measure a spasmodic constriction of the muscular Schrest of The bronchia, which not only prevents the dilatation of the bronchia news. asary to a free and full inshiration, but gives also a rigidity which prevents a free and full expiration, which constriction is easily excited by atur. "gescence of the vefsels of the lungs" Ar Bree Hinks instation situated within the airsespities of the lungs and arising from an offusion of sevem or from aerial acrimony, is the true proximate cause of convue sine asthma, but as the African of sinum seems to be the effect and not the cause think this hart of his theory



is objectionable; It Chapman thinks there is always a sharmodic constriction of the lungs; it is not to be expected that ! should support any theory on this subject, but it I were allowed to advocate eithers it would be Dr Chopmans, as all of his theories are soally and so handsomely sustained and soaccordant with my ideas of disease and moreover as his proctice deduced from them is managed with somed shill and muels, it would be arrow - gance in me to call in question Their correctness - Difections have not thrown much light in this disease, after sudden death the lungs have presented a perfectly heathy appearance and there were notraces of morbid actions, this is not



the ease when this discose hos been of long standing, Morgagni hasfound the lungs in a discose state and the air catiles filled with frothy were, the heart was in some instances discosed, he mentions a case when eithering was mining, out of the fratients month while aging -

butter says the diagnosis is easy, when it comes on by fits it may be a distinguished from other shears of bythe some whose causes heing more constants abblica, produce theretone a more constant distinctly of breathing; it is seldon that attended has been evered porticularly when of long standing, best when it occurs in early life, in agood constitution was is not an hereditary disease, textuct it may in many intenses



be used it medical side is called in before the disease gets too strong a hald on the organis

The treatment is divided in to that which is hosper during, the horoxyme out . that which is ne copony in the missione the whility or solodielling in this disease, sumsto he a disputed pointsfor while some writers sensure the practice others as structurely support it, from the difficult transmission of blood therough the long it would appear it first eight that this remedy, would afford more releipthon any other, but from the restimony of some distinguished writers the therepicial. Abects of bloodletting have



Jallen short of their expectations; at The same times it is highly accommended My them when properly resorted tos in the first stage of the discourand. especially when there is believe exister ment is lood letting is of the first inwhor bance in he thoris habits both to unload the holmonary refels and prevent the organic des organists which are often consequent on this disease, (S) " (nationan says the full is not No be when as our gride but this inhot. Show of circumstances must be considered and hadicularly the suffiring of the hotient, he also says There, are coses in which venosution is absolutely improved under these in -cumstance, instead of general he men -commends topical blocdings-



bullen is very much in Aaroun it , blooded thing in the first attacks and estecially in young and plethoric hersons and " e goes on to son that it is evident under the frequent mener rence of fits, Aloodlething connot be Are guestly repeated, without ochanist. wing, and westering, the hatient too much but so the sisease by continuing, generally takes off the plethoris state of the system so after the diseasehos. continued for some time I alledge that aloodetting becomes less and Refs necessary? In Bree consumers Mining in every Accies and the second which areses from acreal arremong, age! he carrets that it is very be here-- Dirial Refore this repels of the I ways have releved Hemselves by



Africano, in the other staties in sur A does not shorten the haraxyone but presents extectoration . Think the coses to which It is abilicable and the incurrestances under which it should be employed have seen sufficiently boint. ex out whom in butter-Pungatives are nearly abonsored in this disease, Their appear to have no decided official, in athma and should be administered only with a wiew to keep the bowels solwhere and present constination, as This state of the premaria sometimes exectes a parasegous (willen raysomals dient evenuta have given considerable release in the parosyme Emitios are harticularly ealled for in this airease thath to relieve platite may



of the stomach and other , imptoms of indigestion as well as to direct sections from the lungs to the surface; buller says in certaincases where afit was expected to come on in the course of thingst a womit given in the evening has brequently seemed to prevent it; a gentle emitic given during the fra, or you in many coses is of signal utility; although This practice has been consumed As some home ticioners I moreld not here to te to present . an emitie in the sit and where there is much politice movement I would fine read it by renaution It Bree who is ship one v. to this Persition acknowledges that he has womited Investy in the commencement of the



horoagon with divide a odvantage but he believes it to be generally injumions in This dailine from this win There and I am supported by very migh authority in my Munion hendes the new notions of the case seemonto indicate the my sitince themetics in The paroayan, for him we now the sit amoch distended with states which in many instances will of itself excite a it, moneour significoms of Ayspossion after present themselves which may in appelledly retained removed by our smalle, under his circumstanges . In Me no physician would, in righting them, so justice is in patient, There is prefered in this assess. From the mildrefs and known edficacy of its operation, attens maybe



used, but thicac seems to be more hantimelanly suited to This disease than any other emetic, at " There gives this medicine the preference next to It he places tartamentic and antimo -rial wine, it is a hoint yet undeeided whether we should womit or only mausiate in this disease, I think His proper practice would be to produce vonuting in the has oxym particularly in the List to ano. when the alimentary canal is in a disordered condition, to remove all receased matters; and during The intermission to nouseate with a view to promote capertoration and to produce an attendine Meet-Capetonants are much was in this disease and serveto have a very



agrifutions of the horozogome, the sistens of the horozogome, the squill is very afflicable to seems codes that when it occurs in old persons and has here of long standing, more stimulating, copie in old are required as a combinar thing if you'll and broke 400. The powers of Squill are said to be moved by combaining, I with Theat

Aination of Lac. Ammonia analitice roid is especially applicable to old Arthronas- elactishoamedias have also a considerable affectation in his descare of these, Minim is generally chosen, It they are administrated in the onat of the disease, before the eacitment of the system is neduced they are injurious, but when there is no excelerant



they may be advantageouly employed, Dr Bree thinks they have no decided influence in obortining the harosyom of the first species but that they are very well adopted to the fourthopsies in which the convulsive motion is kept it by habit, to effect his hurhose he selects of ium and says its howers are much enhanced by combining it with Other; Blisters have not proven very useful in this disease, they are said to operate more kindly when officed to the extremelies, large draughts of the coldest water have been recommended in the harofym also hot water, and strong coffee, it appears that sir John Floyer used it with unequiwocal benefit in the latter hart of his . Whe, he had it made very strong,



and trank I without sugar or mick, when used in this roay it is said in some instances to have relived a harosym of shoomadie arthma, Litting with the feet near the fire and toasting them as it were has been tried and probably with a good effect; inholation the was view name sometimes, from . here-- icial by were asing expectionation and there by releaving the lungs of offere from simple hot water and vinegar may be used of what is better a teaspoonful of Thoffmans anodyne Liguon and another of Landanum, which is a lovomite pre somition of D: Physics he meanmends the wohour to be inhaled for half an hour at a time; the datura st. amonium has been highly extolled as a paliative in Athma, the root of



the plant is the part that is used, it is first dried and brused and then it is amsked and the amoked inhaled, I prequently moderates the violence of the symptoms and abridges the parox agone, the furnes coming in contact with the lungs produce a sense of warmthe and inenesses exhectoration, it sometimes however offords no relief to the suffering patient Toleans is said by some to he equally officacious; although these antiles sometimes palate the disease still they are at other times mischinous and will aggresate the existing symtoms-The preading treatment is only applicable during, the parayone, but. the most important part yet remains to the accomplished, for we are now to direct our semedial agents to the



inaucotion of the airease, to imake whe the chain of mortid afrociations which habit is established, and is impart Tone and vigour to the system, to meet this indication tomes must be reserted to and as the alimentary canalis genand By, in a relaxed and disordered . com · dition our othertion must the directed to the restoration of its healthy action; the preparations of Iron are well suited to this end, a " Bree speaks very rightly of them and goes so far as to say that he has seen a harvayon entshort by the use of Ruligo Ferri in one grain doses every four hours after all other means had Lailed, their Apieacy is much increased by combining them with hitters or permian hark, it one tome should Luil me should employ others and as



they doze. Their effect on the system My prequent repetition we must vary them and in this way we may return to the article dist employed with a good effect, in this manner alone can we exhect to make a permonent cure, Dr Bree attribute, the want of moufs in sommony eases to the too short contimance of these remedies for says he in ander that they should have a decidedly invigorating, Afect and impart time to the stomach and system generally They should be stradily hersewed in for a considerable length of time -Iros more wident eases where the disease is heht up by effusion of zenums in the lungs diwelists must be employed to take off the determi--notion from the lungs to the hidnes



the Squill and Lineka seem to have the preference, digitalis has been re--commended by some content but it seems to be interior to the throws are tide, abovementioned, a combination of bolomet and Squill is recommended A this stage of the disease by Do "hapman; Garlio has he used in This disease also tor fills probably with a good effect, Mynnh hasheen emplayed and its howers are said to us immored by Peninianhank on some negetable bitter- bold hothing issiphen of in the highest tennes by It Bree, he says It is one of the most valuable neme dies in orthing in the obsence of the norosymijas me are so well ac--quainted with its known howers in



intenmittents which are kept wh by habit we may reasoning know analogy condude that it is equally applicable to this form of asthma, I due attention to set is of prima my infrontance to the establishment of a herfect cure, every exceps in coting and drinking must be contiously avoided; the diet should be of light and digestible tood, every spaces of Tood which Anoduces Statuleneymust be prosonited, all permented, spinithrows and minous liquous are in-Junious; the changes of weather must he quarded against as they are exei--ting, causes -

case defends whom an hereditary foredishosition which halfles the shill



and dissiminating, judgment of the most inlightened practicioner, we can only expect to prevent its return by avoiding the exciting, causes - Flannel should be worn next to the skin to keek who a glow whom the surface this is harticularly important and I thould suppose a huckeskin shirt would answer a very good purpose in this disease; exercise should not be negelected so viding on horsenhook or in a carniage. The Larmer is the best, sailing is also baneficial, hand labour or long journies sometimes offest a cure; The tail and Latigue of a comp how heen known to remove osthma of long standing, I'm Charmon mentions some cases which were eured owing . The last war by the exhouse and.



hondshihs of military life; The blove of residence must be attended on by the ostumatic for while somewill find themselves most comportably six trated in a lange lity, others commot breather except in the home air of the basentry; bullen thinks the air of four younds its tolerably free and day is generally more suitable to ostumatics than the air of mountains

The most skillful practioner will often he mortified to see that his remudies have no command over this obstrate and indomitable sisease, and is compelled to alandon it and forfide in the our nortess of nation, which are in most cases incompetent to the took; and thus the fratient is bound to anogouit a mise mable existince.



